

**I CLAIM:**

1. A container for dispensing fluid comprising;

5 a channel formed into a surface of said container, said channel positioned proximate to a neck member having an orifice for dispensing a liquid, said channel having first and second openings formed in opposite surfaces thereof at a first end of said channel;

10 a gate valve member slideably positioned in said channel;

wherein said first and said second openings are positioned at least partially under said threaded neck member;and

15 wherein said gate valve member mateably seals with a portion of said channel via pressure engagement between one or more surfaces of said gate valve member and one or more sealing surfaces of said channel.

20 2. The container of claim 1 wherein said channel has a shape that generally follows a contour of said container.

25 3. The container of claim 1 wherein said gate valve member is generally flat and acutely angled proximate a first end, and optionally comprising a handle formed at a second end of said gate valve member.

30 4. The container of claim 1 further comprising captive retaining means operative to prevent said gate valve member from being completely withdrawn from said channel.

5. The container of claim 4 further comprising retaining tabs located on said gate valve member, said tabs reversibly mateable with complementary locking notches formed into said channel.

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6. The container of claim 1 further comprising fail safe biasing means operative to position said gate valve member in a normally closed position thereby blocking a flow of fluid until said gate valve member is intentionally actuated by an operator.

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7. The container of claim 6 wherein said biasing means comprises a spring.

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8. A container for dispensing fluid comprising;  
a channel formed into a surface of a reservoir portion of said container, and having a shape that generally follows a contour of said container, a portion of said channel positioned under a neck member, said channel having first and second openings formed in opposite surfaces thereof at a first end of said channel;

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a generally flat gate valve member slideably positioned in said channel;

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wherein said first and said second openings are positioned under said threaded neck member;and

wherein said gate valve member forms a seal with a portion of said channel via pressure engagement between at least two surfaces of said gate valve member and sealing surfaces around each of said first and said second openings.

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9. The container of claim 8 wherein said gate valve member is acutely angled proximate a first end.
- 5 10. The container of claim 8 wherein a direction of movement of said gate valve member is perpendicular to a direction of a flow of said liquid.
- 10 11. The container of claim 8 wherein a complete valve and container system consists of only two pieces: said container, and said gate valve member.
- 15 12. The container of claim 8 further comprising captive biasing means operative to 1) prevent said gate valve member from being completely withdrawn from said channel and 2) provide fail safe biasing means operative to position said gate valve member in a normally closed position thereby blocking a flow of fluid until said gate valve member is intentionally actuated by an operator.
- 20 13. The container of claim 12 wherein said biasing means comprises a spring positioned in said channel.

14. A gate valve assembly reversibly attachable to a top portion of a container for dispensing fluid, said gate valve assembly comprising;

5 a coupling having means for reversibly attaching said coupling to said container;

10 a channel formed into said coupling, said channel having first and second openings formed in opposite surfaces thereof;

a gate valve member slideably positioned in said channel;

15 wherein said gate valve member mateably seals with a portion of said channel by pressure engagement between one or more surfaces of said gate valve member and one or more sealing surfaces of said channel via an interference fit; and

20 wherein a direction of movement of said gate valve member is substantially perpendicular to a direction of a flow of said liquid.

25 16. The gate valve assembly of claim 14 wherein said means for reversibly attaching said coupling to said container is with a first set of threads, and further comprising a second set of threads formed on or in an end of said gate valve assembly opposite said first set of threads.

17. The gate valve assembly of claim 14 further comprising captive biasing means operative to 1) prevent said gate valve member from being completely withdrawn from said channel and 2) provide fail safe biasing means operative to position said gate valve member in a normally closed position thereby blocking a flow of fluid until said gate valve member is intentionally actuated by an operator.
18. The gate valve assembly of claim 17 wherein said captive biasing means is a spring positioned in said channel.
19. The gate valve assembly of claim 18 further comprising a hole formed into said gate valve member.
20. The gate valve assembly of claim 19 further comprising a spout formed in or on one end of said gate valve assembly.